BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer Project Division Yelahanka

WORK SLIP-1: FORM PWG-45t

Name of work : "PACKAGE No-06 Developments of roads and drains at Machohalli, Kadabagere, Gollarahatti (Kitthanahalli), Singanayakanahalli Grama Panchayathi limits and surrounding areas of Yelahanka assembly Constituency

Estimate cost:- 1600.00 Lakhs

Amount put to Tender in Rs : 1423.10Lakhs

Work Order No & Date: EE[Project] Ynk Zone/WO/021/2022-23 Dated:03/09/2022

Agency: Sri K. Venkata Raju

Sl. No.	Description	Unit	Rates as per Schedule-B			Total Qty as per Executed	Qty. Executed upto 125%			Qty. above 125%			Actual Amount	Amount Excess over the approved amount(Work Slip Amount)	Remarks
			Qty	Rate	Amount		QTY	Rate	Amount	QTY	Rate	Amount			
2	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work as per the direction of Engineer in charge	Cum	12665.17	68.00	861231.56	13636.00	13636.00	68.00	927247.85	0.00	68.00	0.00	927247.85	66016.29	As per site condition
12	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 .as per the direction of Engineer in charge	Cum	6687.04	2450.57	16387081.43	7233.60	7233.60	2450.57	17726457.82	0.00	2450.57	0.00	17726457.82	1339376.39	As per site condition
13	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as pertechnical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:4:8 (M5) Using 40 mm nominal size graded crushed coarse aggregates as per the direction of Engineer in charge	Cum	6691.54	5600.71	37477352.80	7233.60	7233.60	5600.71	40513251.45	0.00	5600.71	0.00	40513251.45	3035898.65	As per site condition

14	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity andappropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes,compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work.as per the direction of Engineer in charge	Cum	6691.54	7138.72	47769002.62	7233.60	7233.60	7138.72	51638588.91	0.00	7138.72	0.00	51638588.91	3869586.29	As per site condition
18	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates as per the direction of Engineer in charge issue rate on 07-07-2022	Cum	18.77	7218.59	135492.96	51.75	23.46	7218.59	169366.19	28.29	6867.01	194278.56	363644.76	228151.80	As per site condition
19	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately)M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates as per the direction of Engineer in charge issue rate on 07-07-2022	Cum	52.95	7432.22	393536.07	70.08	66.19	7432.22	491920.09	3.89	7100.16	27652.65	519572.74	126036.67	As per site condition

22	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) as per the direction of Engineer in charge	kg	8122.98	110.68	899012.99	8305.84	8305.84	110.68	919251.40	0.00	110.68	0.00	919251.40	20238.41	As per site condition
24	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x100x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.issue rate on 07-07-2022	Sqm	51.20	987.75	50572.79	140.63	64.00	987.75	63215.99	76.63	981.46	75209.61	138425.60	87852.81	As per site condition
32	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed including cost of materials, mortar, labour, curing complete as per specifications as per the direction of Engineer in charge	Sqm	135.40	2506.95	339441.44	170.14	170.14	2506.95	426539.26	0.00	2506.95	0.00	426539.26	87097.82	As per site condition
33	Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge : ** Flamed finish granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent as per the direction of Engineer in charge.	Sqm	5.04	1982.80	9993.33	9.22	6.30	1982.80	12491.67	2.92	1982.77	5786.70	18278.37	8285.04	As per site condition
42	Providing and fixing chromium plated brass handles of 100/125 mm with necessary screws etc. as per the direction of Engineer in charge.	Nos	4.00	182.73	730.90	6.00	6.00	182.73	1096.35	0.00	182.73	0.00	1096.35	365.45	As per site condition

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in Rs : 1423
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...ding all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps	Each	8.00	120.63	965.06	9.00	9.00	120.63	1085.69	0.00	120.63	0.00	1085.69	120.63	As per site condition
Total Constrution Cost													**8869026.25**	

SANCTIONED TENDER AMOUNT		142310192.00
WORK SLIP AMOUNT		8869026.25

Percentage of Workslip over the Tender Sanctioned = (Excess amount over the approved Tender amount / Cost of Sanctioned Tender) x 100 = **6.23%**

Assistant Engineer
Project Division Yelahanka

Asst Executive Engineer
Project Division Yelahanka

Executive Engineer
Project Division Yelahanka

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ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer Project Division Yelahanka

FORM OF EXTRA ITEM RATE LIST IN FORM NO. P.W.G.71.

Name of work : "PACKAGE No-06 Developments of roads and drains at Machohalli, Kadabagere, Gollarahatti (Kitthanahalli), Singanayakanahalli Grama Panchayathi limits and surrounding areas of

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Work Order No & Date: EE[Project] Ynk Zone/WO/021/2022-23 Dated:03/09/2022

Agency: Sri K. Venkata Raju

Sl.No.	Description of work	Unit	Asper qty	Rate in Rupees	Amount(Rs)	Whether the items are alternative to the item in the tender, whether these are additional items or sometimes in Accepted tender	Whether the extra items are included in the sanctioned estimate	How the extra cost of the item is proposed to be met	Whether the item is indicated in the SR or Data Rate	Remarks
1	2	3	4	5	6	7	8	9	10	11
E1	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. G.I. pipes including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer in-Charge	Sqm	465.60	153.48	71461.56	Additional item		Met out from the overall savings	V-II, Page No-83, Item No-11.28	
	Total				**71461.56**					

SANCTIONED TENDER AMOUNT	142310192.00
EIRL AMOUNT	71461.56

Percentage of EIRL over the Tender Sancitoned = (EIRL amount / Cost of Sanctioned Tender) x 100 = **0.05%**

Assistant Engineer
Project Division Yelahanka

Asst. Executive Engineer
Project Division Yelahanka

Executive Engineer
Project Division Yelahanka